

Certificate of Analysis

Dr. Ehrenstorfer



Product Identification

15711800 n-Octylbenzene

CA 1-Phenyloctane

IUPAC 1-Phenyloctane

Formula C₁₄H₂₂

Mol.Weight 190.33

CAS No. 2189-60-8

Reference Materials for Residue Analysis

Expiry Date 10.07.2014

Lot Number 80702

Store at 20 °C ±4 °C

Please note: The expiry date is valid under recommended storage conditions only.

Toxicological Data



R Code 36/37/38

S Code 26-36/37/39

LD50 (Rats female/male in mg/kg) N/A

Physical Data

Phase liquid

Color colourless

Melt.Range

Boiling Range (lit.)

Analytical Data

Detection: GC/MSD

Column: DB-5, 30 m, ID 0.25 mm

Inj.-Vol.: 1.00 µl

Flow: 1.0 ml/min

Ret.-Time: 13.02 min.

Method Details:

Injector: 280° C

Start Temperature: 60° C for 5 min

End Temperature: 280° C for 1 min

Gradient: 15° C/min

Identity: MS

Comment

Water Content 0.5 %

Determined by Karl-Fischer Titration

Det. Purity 99.5 %

Tolerance/Uncertainty +/- 0.5 %

The uncertainty/tolerance of this standard is calculated in accordance with the EURACHEM/CITAC Guide - Quantifying Uncertainty in Analytical Measurement - Second Edition. The uncertainty given is the expanded combined uncertainty and represents an estimated standard deviation equal to the positive square root of the total variance of the uncertainty of components. The expanded uncertainty is U which is $Uc(y) \cdot K$, where K is the coverage factor at the 95% confidence level (K=2). The expanded uncertainty is based on the combination of uncertainties associated with each individual operation involved in the preparation of this product.

Certified on 10.07.2008

by Fr. Vlcek



REF. NO.: 2774 - 01

The Laboratory Labor Dr. Ehrenstorfer-Schäfers is accredited by DGA as indicated by the Accreditation Certificate DGA-PL-4536.00 based on DIN EN ISO/IEC 17025:2005 for the weighing of amounts of substances for the preparation of standard solutions.

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The warranty for this product is limited to the purchasing price of this product.



Deutscher
Akkreditierungs
Rat

DGA-PL-4536.00

File :D:\2008\15711800 80702 80702CY-1.D
Operator : M.K.
Acquired : 7 Jul 2008 13:13 using AcqMethod PESK.M
Instrument : Instrument #1
Sample Name: n-Octylbenzene 80702 80702CY 1000ng
Misc Info :
Vial Number: 34

